Subst. Form PTO-1449	Atty. Docket No.: TRV 20011-2	Serial No.: 09/759,622
APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant: Karl Tryggvason et al.	
	Filing Date: January 21, 2001	Group: Unknown

OTHER ART

	AA	Altschul, S.F., Gish, W., Miller, W., Myers, E.W., and Lipman, D.J. (1990) Basic local alignment search tool. J. Mol. Biol. 215, 403-10.
	AB	Appel, R.D. Bairoch, A. And Hochstrasser, D.F. (1994) A new generation of information retrieval tools for biologists: the example of the ExPASy WWW server. Trends Biochem. Sci. 19: 258-260.
	AC	Barker, D. Hostikka, S.L., Zhou, J., Chow, L.T., Oliphant, A.R., Gerken, S.C., Gregory, M.C., Skolnick, M.H., Atkin, C.L. and Tryggvason, K. (1990) Identification of Mutations in the COL4A5 collagen gene in Alport Syndrome. Science 248, 1224-1227.
	AD	Brümmendott, T., and Rathjen, F.G. (1994) Cell adhesion molecules 1: Immunoglobulin superfamily. Protein profile 1, 951-1058.
	AE	Burge, C. And Karlin, S. (1997) Prediction of complete gene structures in human genomic DNA. J. Mol. Biol. 168, 78-94.
	AF	Chapelle, A. de la (1993) Disease gene mapping in isolated human populations: the example of Finland. J. Med. Genet. 30: 857-865.
	AG	Dolan, M., Horchar, T., Rigatti, B., and Hassell, J.R. (1997) Identification of sites in domain I perlecan that regulate heparan sulfate synthesis, J. Biol. Chem. 272, 4316-4322.
	AH	Fahrig, T., Landa, C., Psheva, P., Kühn, K., and Schacher, M. (1987) Characterization of binding properties of the myelin-associated glycoprotein to extracellular matrix constituents. EMBO J. 6, 2875-2883.
	AI	Fuchshuber, A., Niaudet, P., Gribouval, O., Genevieve, J., Gubler, M-C., Broyer, M. And Antignac, C. (1996) Congenital Nephrotic Syndrome of the Finnish type: linkage to the locus in a non-Finnish population. Pediatr. Nephrol. 10: 135-138.
	AJ	Hästbacka, J., Chapelle, A. de la, Mahtani, M.M., Clines, G., Reebe-Daly, M.P., Daly, M., Hamilton, B.A., Kusumi, K., Trivedi, B., Weacer, A., Coloma, A., Lovett, M., Buckler, A., Kaitila, I., and Lander, E.S. (1994) The Diastrophic dysplasia gene encodes a novel sulfate transporter: positional cloning by fine-structure linkage disequilibrium mapping. Cell 78, 1073-1087.
	AK	Hillier et al. (1997) "WashU-NCI human EST project", Genbank Locus AA678622.
	AL	Holmberg, C., Antikainene, M., Rönnholm, K., Ala-Houhala, M. And Jalanko, H. (1995) Management of congenital nephrotic syndrome of the Finnish type, Pediatr. Nephrol. 9: 87-93.
	AM	Ikonen, E., Baumann, M., Grön, K., Syvänen, A-C., Enomaa, N., Halila, R., Aula, P. And Peltonen, L., (1991) Aspartylglucosaminuria: cDNA encoding human aspartylglucosaminidase and the missense mutation causing the disease. EMBO J. 10: 51-58.

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	BA	Jurka, J., Klonowski, P., Dagman, V., Pelton, P. (1996) CENSOR - a program for identification and elimination of repetitive elements from DNA sequences. Computers and Chemistry Vol. 20 (No. 1): 119-122.
	BB	Kallunki, P., and Tryggvason, K. (1992) Human basement membrane heparan sulfate proteoglycan core protein: a 467 kD protein containing multiple domain resmbling elements of the low density lipoprotein receptor, laminin, neural cell adhesion molecules, and epidermal growth factor. J. Cell Biol. 116, 559-571.
	BC	Kasinath, B.S. and Kanwar, Y.S. (1993) Glomerular basement membrane: biology and physiology. In: Molecular and cellular aspects of basement membranes (D. Rorhbach and R. Timpl, eds), Academic Press, pp. 89-106.
	BD	Kawai, S. Nomura, S., Harano, T., Fukushima, T., & Osawa, G. (1996) The COL4A5 gene in Japanese Alport syndrome patients: spectrum of mutations of all exons. Kidney Int. 49, 814-822.
	BE	Keino-Masu, K., Masu. M., Hinck, L., Leonardo, E.D., Chan, S.S.Y., Culotti, J.G., and Tessier-Lavigne, M. (1996) Cell 87, 175-185.
	BF	Kestila, M., et al. "Positionally cloned Gene for a novel Glomerular Protein (Nephrin) is Mutated in Congenital Nephrotic Syndrome, "Molecular Cell, Vol. 1, No. 4, March 1998, Pgs. 575-582.
	BG	Kestilä, M., Männikkö, M., Holmberg, C., Korpela, K., Savolainen, E.R., Peltonen, L. and Tryggvason, K. (1994a) Exclusion of eight genes as mutated loci in congenital nephrotic syndrome of the Finnish type. Kidney Int. 45, 986-990.
	BH	Kestilä, M., Männikkö, M., Holmberg, C., Gyapay, G. Weissenbach, J. Savolainen, E.R., Peltonen, L. and Tryggvason K. (1994b) Congenital nephrotic syndrome of the Finnish type maps to the long arm of chromosome 19. Am. J. Hum. Genet. 54, 757-764.
	BI	Knebelmann, B. Breillat, C., Forestier, L., Arrondel, C., Jacassier, D., et al. (1996) Spectrum of mutations in the COL4A5 collagen gene in X-linked Alport syndrome. Am. J., Hum. Genet. 59, 1221-1232.
	BJ	Koskimies, O. (1990) Genetics of congenital and early infantile nephrotic syndromes. In: Spitzer, A., Avner, E.D. (Eds) Inheritance of kidney and uritary tract diseases. Kluwer, Boston, Dordrecht and London, p. 131-138.
	BK	Laine, J.,Jalanko, H.,Holthöfer, H. Krogerus, L., Rapola, J., von Willebrand, E., Lautenschlager, I., Salmela, K. and Holmberg, C. (1993) Post-transplantation nephrosis in congenital nephrotic syndrome of the Finnish-type. Kidney Int. 44: 867-874.
	BL	Lamerden, J.E., et al. "Sequence Analysis of a 1Mb Region in 19q13.1," EMBL Sequence Database, July 11, 1997.
	BM	Lenkkeri, U., et al, "Structure of the Gene for Congenital Nephrotic Syndrome of the Finnish Type (NPHS1) and Characterization of Mutations," American Journal of Human Genetics, Vol. 64, No. 1, January 1999, Pgs. 51-56.

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✓	CA	Ljungberg, P., Jalanko, H., Holmberg, C., and Holthöfer, H. (1993) Congenital nephrosis of the Finnish type (CNF): Matrix components of the glomerular basement membranes and of cultured mesangial cells. Histochem J. 25: 606-612.
	CB	Mahan, J.D., Mauer, S.M. Sibley R.K. and Vernier, R.L. (1984) Congenital nephrotic syndrome: Evolution of medical management and results of renal transplantation. J. Pediatr. 105: 549-557.
	CC	Männikkö, M., Kestilä, M., Holmberg, C. Norio, R., Ryynänen, M., Olsen, A., Peltonen, L. And Tryggvason, K. (1995) Fine mapping and haplotype analysis of the locus for congenital nephrotic syndrome on chromosome 19q13.1. Am J. Hum. Genet. 57: 1377-1383.
	CD	Männikkö, M., Kestilä, M., Lenkkeri, U., Alakurtti, H., Holmberg, C., Leisti, J., Salonen, R., Aula, P., Mustonen, A., Peltonen, L., and Tryggvason, K., (1997) Improved prenatal diagnosis of the congenital nephrotic syndrome of the Finnish type name based on DNA analysis, Kidney Int. 51: 868-872.
	CE	Noonan, D.M., Fulle, A., Valente, P., Cai, S., Horigan, E., Sasaki, M., Yamada, Y., and Hassell, J.R. (1991) The complete sequence of perlecan, a basement membrane heparan sulfate proteoglycan, reveals extensive similarity with laminin A chain, low density lipoprotein receptor, and the neural cell adhesion molecule. J. Biol. Chem. 266, 22939-22947.
	CF	Olsen, A. Georgescu, A., Johnson, S. and Carrano, A.V. (1996) Assembly of a 1-Mb restriction-mapped cosmid contig spanning the candidate region for Finnish congenital nephrosis (NPHS1) in 19q13.1. Genomics 34: 223-225.
	CG	Pesheva, P., Gennarini, G., Goridis, C., and Schacher, M. (1993) The F3/11 cell adhesion molecule mediates the repulsion of neurons by the extracellular matrix glycoprotein J1-160/180. Neuron 10, 69-82.
	CH	Rapola, J., Huttunen, N.P. and Hallman, N. (1992) Congenital and infantile nephrotic syndrome. In: Edelman CM (ed.) Pediatric Kidney Disease. 2nd ed. Little, Brown and Company, Boston. Vol. 2: 1291-1305.
	CI	Renieri, A., Bruttini, M., Galli, L., Zanelli, P., Neri, T., et al. (1996) X-linked Alport syndrome: an SSCP based mutation survey over all 51 exons of the COL4A5 gene. Am. J. Hum. Genet. 58, 1192-1204.
	CJ	Solovyev, V.V., Salamov, A.A., Lawrence, C.B. (1994) Predicting internal exons by oligonucleotide composition and discriminant analysis of spliceable open reading frames. Nucl. Acids Res. 22(24): 5156-5163.
	CK	Stratagene Catalog, (1988) p. 39.
✓	CL	Tryggvason, K. (1996) Mutations in type IV collagen genes in Alport syndrome. In: Molecular pathology and Genetics of Alport syndrome (ed. K. Tryggvason). Contrib. Nephrol., 117, 154-171, Karger, Basel
✓	CM	Tryggvason, K. and Kovalainen, K. (1975) Number of nephrons in normal human kidneys and kidneys of patients with the congenital nephrotic syndrome. Nephron 15: 62-68.

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1	DA	Uberbacher, E.C. and Mural, R.J. (1991) Locating protein-coding regions in human DNA sequences by a multiple sensor-neural network approach, Proc. Natl. Acad. Sci. USA 88: 11261-11265.
2	DB	Zisch, A.H., D'allessandri, L., Ranscht, B., Falchetto, R. Winterhalter, K.H., and Vaughan, L. (1992) Neuronal cell adhesion molecule contactin/F11 binds to tenascin via its immunoglobulin-like domains. J. Cell Biol. 119, 203-213.
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